

Achieve complete confidence with an Intel® Xeon™ processor.



Enhanced computing power. Intel's innovative technologies such as Intel® NetBurst™ microarchitecture and Hyper-Threading Technology set the stage for the best balance of price and performance in a small to medium business server.

Versatility during business changes. An Intel® Xeon™ processor-based server can grow with you as your staff size, application demands, network sharing and Internet needs change.

Stability while your business grows. With an Intel® Xeon™ processor, your server can easily scale as demands on your business grow, improving performance so you will experience maximum server uptime and remain competitive.

Investment protection and support. Intel's valued resellers receive unparalleled, ongoing industry support from Intel, which means your server system is in the best possible hands, now and in the future.

Intel® Xeon™ processor-based servers deliver high levels of reliability, performance, and unparalleled value and flexibility. You can't afford not to choose a server based on an Intel® Xeon™ processor for your business.

For more information, www.intel.com/xeon



¹ Source: eTesting Labs Inc., a testing service of Lionbridge Technologies, Inc., under contract with Intel WebBench® 4.0.1. System configuration: Intel® Xeon™ processor 2.40 GHz with 512KB L2 Cache (x2), Intel® Server Board SHG2, Intel Server Board SHG2 BIOS Release 2.1, Windows® 2000 Advanced Server SP2, 2048 MB DDR-200 RAM, Intel® Pro/1000 Gigabit Server Adapter, AMI® 438 MegaRAID® controller v1.48 w/ 16 MB EDO RAM, Dell® PowerVault® 210S disk array. Detailed information can be found at the following URL: http://etestinglabs.com/main/reports/intel_webbench_shg2.pdf

² Source: eTesting Labs Inc., a testing service of Lionbridge Technologies, Inc., under contract with Intel for three benchmarks (WebBench® 4.0.1, Trade 2® v2.53 and MMB2®). System Configurations: 1) Intel® Pentium® III Xeon™ processor 1 GHz with 256KB L2 cache, ServerWorks® Serverset® III LE based server board, 2GB PC133 SDRAM, Microsoft Windows® 2000 Server SP2, Intel® PRO/1000 Gigabit Server Adapter, AMI 438 MegaRAID® controller v1.48 16MB EDO RAM; 2) Intel® Pentium® III processor 1.40 GHz with 512KB L2 cache, ServerWorks® Enterprise Serverset® III HE-SL chipset based server board, 2GB PC133 SDRAM, Microsoft Windows® 2000 Server SP2, Intel® PRO/1000 Gigabit Server adapter, AMI 438 MegaRAID® controller v1.48 16MB EDO RAM; 3) Intel® Xeon™ processor 2.20 GHz with 512KB L2 cache, Supermicro® SuperServer® 6022P-6 with Intel® E7500 chipset, 2GB DDR, Microsoft Windows® 2000 Server SP2, Intel® PRO/1000 Gigabit Server adapter, AMI 438 MegaRAID® controller v1.48 16MB EDO RAM. Detailed information can be found at the following URLs: WebBench 4.0.1 at <http://etestinglabs.com/main/reports/intelwb.pdf>; Trade 2 v2.53 at <http://etestinglabs.com/main/reports/inteltrade2.pdf>; MMB2 at <http://etestinglabs.com/main/reports/intelmm2.pdf>

Performance tests and ratings are measured using specific computer systems and/or components and reflect the approximate performance of Intel products as measured by those tests. Any difference in system hardware or software design or configuration may affect actual performance. Buyers should consult other sources of information to evaluate the performance of systems or components they are considering purchasing.

INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL® PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER, AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL® PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice. All products, dates, and figures specified are preliminary based on current expectations, provided for planning purposes only, and are subject to change without notice. Availability in different channels may vary.

Intel, Pentium, Intel Xeon, Pentium III Xeon, Intel NetBurst and Intel logo are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

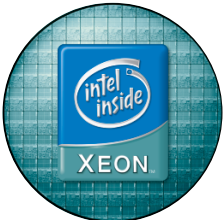
*Other names and brands may be claimed as the property of others.



www.intel.com/xeon



Can an Intel® Xeon™ Processor for your server really make a difference?



Powerful and cost-effective servers to run the broadest range of applications.

Your business server demands more processing power than a desktop processor can deliver.

The Intel® Xeon™ processor gives multiple users robust performance for sharing applications and connections, and offers you maximum control over management and security. It cost-effectively grows as your business demands increase, maintaining your profitability. It is built with the most reliable technology available.



Success starts deep inside your server with the Intel® Xeon™ processor.

While a server’s data sharing capabilities, built-in system monitoring and backup power are essential, the most critical component in a server is the processor. Of the range of Intel® processor-based servers available, the Intel® Xeon™ processor is well-suited to small- to medium-sized businesses because it combines performance and reliability with expandability at an affordable price. Below, see how Intel® Xeon™ processor-based servers support features, functionality and expandability that simply aren’t possible with a desktop computer.

Essential Feature	Desktop	Server	Benefit
Supports up to four Intel® Xeon™ Processors	–	✓	Provides up to a 53% performance improvement on WebBench* 4.0.1 ¹ over an identical single processor-based server at only 5–10% incremental hardware cost.
Intel® Hyper-Threading Technology	–	✓	Software applications can run faster, and the number of transactions and users that can be supported simultaneously is increased.
Greater I/O bandwidth	–	✓	Greater reliability and faster access to your data or high speed networks.
Server level quality	–	✓	The Intel® Xeon™ processor’s best-in-class validation and support ensure world-class reliability and stability for your most rigorous server environments.
Server design experience	–	✓	With server experience spanning more than two decades, Intel has delivered seven generations of server products.

Why trust your business to an Intel® Xeon™ processor-based server?

A high-performance Intel® Xeon™ processor offers your business features and functionality that help keep your employees productive and your customers satisfied. With its easy management and expansion, the Intel® Xeon™ processor-based server helps save you time and money, maximizing your return on investment.

Powerful and affordable servers, for dependable and efficient business operations.

True multi-tasking with leading technology.

Although a desktop PC allows you to have two applications open at once, a PC is only working on one item at a time while the other waits in the background. By contrast, an Intel® Xeon™ processor-based server with Dual processing (two processors) truly runs multiple applications simultaneously. This helps boost business productivity and allows you to efficiently support more users.

When you choose a server based on the Intel® Xeon™ processor, you get affordable, high performing technology features. In addition to the power of two processors, Intel® Xeon™ processor-based servers have Intel® NetBurst™ microarchitecture with Hyper-Threading Technology. Intel NetBurst microarchitecture enables high transaction rates, fast response times and new capabilities. Hyper-Threading Technology enables your server to maximize processing capabilities while running more applications.

The advantage of Hyper-Threading Technology.

+ 80%

Enable simultaneous processing of up to 80% more Web requests.²

(WebBench 4.0.1)

+ 49%

Increase the number of real-time stock quote retrievals by up to 49%.²

(Trade 2 v2.53)

+ 40%

Support up to 40% more e-mail clients.²

(MMB2)

All comparisons are versus a similarly configured Intel® Pentium® III Xeon™ processor-based (1 GHz) server.

Get an edge on future growth with two Intel® Xeon™ processors.

If you’re small but growing, a simple and competitive way for your server to ensure future readiness for your business is to start with two Intel® Xeon™ processors. Two Intel Xeon processors provide faster and more robust computing power so you have day-to-day stability and you’re ready for significant increases in workloads—without a complete reinvestment in hardware.

For a small initial investment, increase your processing power now.

With the second processor installed, an Intel Xeon processor-based server provides up to a 53% performance improvement on WebBench 4.0.1¹ over an identical single processor-based server at only 5–10% incremental hardware cost.